

**LOUISIANA  
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
SPECIFICATIONS**

**Annual Calibration & Certification  
Universal Testing Machines and Extensometers**

All calibrations shall be completed between July 1 & July 30. All calibrated equipment listed below shall be issued a certificate of calibration and a certification decal.

- I. The following equipment shall be calibrated as per ASTM E4:
  - Tinius Olsen 400,000 lbf Super "L" Universal Testing Machine with 602 controller (S/N 222206)
  - Tinius Olsen 120,000 lbf Super "L" Universal Testing Machine with 602 controller (S/N 320726)
  - Tinius Olsen 120,000 lbf Universal Testing Machine with computer display (S/N 177610)
  - Tinius Olsen 60,000 lbf U300SL Universal Testing Machine (S/N 332931)
  - Tinius Olsen 50ST Universal Testing Machine (S/N ST-AF-00705GB)
  - Instron Model 4443 Universal Testing Machine (S/N 18521) (System ID 4443P5546)
- II. The following extensometers shall be calibrated as per ASTM E83, Class B-1 to the Tinius Olsen 400,000 lbf Super "L" Universal Testing Machine (S/N 222206) and the Tinius Olsen 120,000 lbf Super "L" Universal Testing Machine (S/N 320726) each machine with a 602 controller (Display):
  - 2 Inch Extensometer, Serial No. 222209
  - 2 Inch Extensometer, Serial No. 320735
  - 8 Inch Extensometer, Serial No. 164660
  - 8 Inch Extensometer, Serial No. 320736
  - 24 Inch Extensometer, Serial No. 136555
- III. The following extensometers shall be calibrated as per ASTM E83, Class B-1 to the Tinius Olsen 120,000 lbf Universal Testing Machine (S/N 177610) with computer display:
  - 24 Inch Extensometer, Serial No. 164713
- IV. The following extensometers and strain head shall be calibrated as per ASTM E83, Class B-1 to the Tinius Olsen 60,000 lbf SL300 Universal Testing Machine (S/N 332931) with computer display:
  - 1 Inch Extensometer, Serial No. E97802
  - 2 Inch Extensometer, Serial No. E99360
  - Omega LC414-6K 6,000 lbf, Serial No. 355842
- V. The following extensometer shall be calibrated as per ASTM E83, Class B-1 to the Instron Model 4443 Universal Testing Machine (S/N 18521) (System ID 4443P5546):
  - Long Travel Extensometer, Serial No. 314